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25190 7590 02/22/2006
 NASA JOHN F. KENNEDY SPACE CENTER
 MAIL CODE: CC-A/OFFICE OF CHIEF COUNSEL
 ATTN: PATENT COUNSEL
 KENNEDY SPACE CENTER, FL 32899

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 I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

Ginger L. Arrington (Depositor's name)
 (Signature)
 March 3, 2006 (Date)

03/03/2006 HDEMESS2 00000002 140116 10701412

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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 10701.412 | 10/31/2003 | Debra R. Reinhardt | KSC-12246-2 | 5887 |

TITLE OF INVENTION: ZERO-VALENT METAL EMULSION FOR REDUCTIVE DEHALOGENATION OF DNAPLS

| APPLN. TYPE | SMALL ENTITY | ISSUE FEE | PUBLICATION FEE | TOTAL FEE(S) DUE | DATE DUE |
|----------------|--------------|-----------|-----------------|------------------|------------|
| Nonprovisional | NO | \$1400 | \$0 | \$1400 | 05/22/2006 |

| EXAMINER | ART UNIT | CLASS-SUBCLASS |
|------------------------|----------|----------------|
| MITCHELL, KATHIERINE W | 3677 | 516-022000 |

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
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2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
 (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Randall M. Heald

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3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

The United States of America as Represented
 by the Administrator of the National

(B) RESIDENCE: (CITY AND STATE OR COUNTRY)

Washington, D.C.

Aeronautics and Space Administration

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☐ Corporation or other private group entity ☒ Government

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- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

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Authorized Signature Randall Heald

Date March 3, 2006

Typed or printed name Randall M. Heald

Registration No. 28,561

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